AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently amended) A device for measuring the tack of materials, comprising:

a first cylinder ~~(1)~~ which is included in a frame ~~(2)~~ and which is connected with ~~driving means for being able to drive this~~a driver for driving the first cylinder in a first direction ~~(a), which device further comprises~~;

a second cylinder ~~(3)~~ which is included in a movably arranged yoke, ~~which~~ wherein the yoke is connected ~~with~~ to the frame via a force measuring ~~means~~sensor which converts the force ~~which~~ that the yoke and the frame exert upon each other into a corresponding measuring signal~~,~~;

characterized in that the yoke ~~(4)~~ is connected with the frame via a connecting element ~~(5)~~ pivotable about at least two mutually non-parallel shafts about a center and that the force measuring ~~means~~ sensor are formed by a force sensor ~~(6)~~ which is connected with ~~this movable~~the connecting element.

2. (Original) A device according to claim 1, wherein the yoke and the frame are, apart from via surfaces of the first and second cylinder, pivotally coupled with each other solely about a single connection in the connecting element.

3. (Currently amended) A device according to claim 1, wherein the force sensor ~~(6)~~ is included between the yoke ~~(4)~~ and the ~~movable~~ connecting element ~~(5)~~.

4. (Currently amended) A device according to claim 1, wherein the force sensor ~~(6)~~ is included between the frame ~~(2)~~ and the ~~movable~~ connecting element ~~(5)~~.

5. (Currently amended) A device according to claim 1, wherein the force sensor ~~(6)~~ is connected with ~~processing means (7)~~ a processor for ~~processing~~ converting the measuring signal delivered by the force sensor into one or more material-specific tack values.

6. (Currently amended) A device according to claim 5, wherein, in a first calibration step, the second cylinder ~~(3)~~ is coupled via coupling ~~means (10)~~component with a static mass ~~(11)~~ which exerts a static force upon this second cylinder in the direction of the said first direction ~~(a)~~, in which first calibration step, a first correction value, based on the measuring signal delivered by the force sensor ~~(6)~~, is stored in the ~~processing means (7)~~processor.

7. (Currently amended) A device according to claim 6, wherein, during the first calibration step, the outer surface of the second cylinder ~~(3)~~ is uncoupled from the outer surface of the first cylinder ~~(1)~~ by means of the ~~movable~~ connecting element ~~(5)~~ and an uncoupling element.

8. (Currently amended) A device according to claim 5, wherein, during a second calibration step, the outer surfaces of the first cylinder and the second cylinder are directly coupled with each other while the ~~driving means (9) are~~driver is activated, in which second calibration step, a second correction value, based on the measuring signal delivered by the force sensor ~~(6)~~, is stored in the ~~processing means (7)~~processor.

9. (Currently amended) A device according to claim 8, wherein the second calibration step is carried out at different speeds of rotation of the first and second cylinder respectively, and for each of ~~these~~the different speeds of rotation, the respective second correction value is stored in the ~~processing means (7)~~processor.

10. (Currently amended) A device according to claim ~~6, 8 or 9,~~ wherein, during a measuring step, the outer surfaces of the first cylinder and the second cylinder are coupled with each other via a layer ~~(8)~~ of a material to be tested for tack, and the ~~driving means (9) are~~driver is activated, in which measuring step, the measuring signal delivered by the force sensor ~~(6)~~ is processed by the ~~processing means (7)~~processor as a measuring value, taking into account the first and/or relevant second correction value stored in the ~~processing means~~processor in the first and second calibration step respectively.

11. (New) A device according to claim 8 wherein, during a measuring step, the outer surfaces of the first cylinder and the second cylinder are coupled with each other via a layer of a material to be tested for tack, and the driver is activated, in which measuring step, the measuring signal delivered by the force sensor is processed by the processor as a measuring value, taking into account the first and/or relevant second correction value stored in the processor in the first and second calibration step respectively.

12. (New) A device according to claim 9 wherein, during a measuring step, the outer surfaces of the first cylinder and the second cylinder are coupled with each other via a layer of a material to be tested for tack, and the driver is activated, in which measuring step, the measuring signal delivered by the force sensor is processed by the processor as a measuring value, taking into account the first and/or relevant second correction value stored in the processor in the first and second calibration step respectively.